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Query Criteria: Element Code is (PDAST3M5J0)

***Erigeron blochmaniae***

Element Code: PDAST3M5J0

Blochman's leafy daisy

**Listing Status:** **Federal:** None  
**State:** None  
**Other:** Rare Plant Rank - 1B.2, BLM\_S-Sensitive  
**Habitat:** **General:** COASTAL DUNES, COASTAL SCRUB.  
**Micro:** SAND DUNES AND HILLS. 3-45 M.

**CNDDDB Element Ranks:** **Global:** G2  
**State:** S2

**Occurrence No.** 1 **Map Index:** 28631 **EO Index:** 29937 **Element Last Seen:** 1931-08-15  
**Occ. Rank:** Unknown **Presence:** Presumed Extant **Site Last Seen:** 1931-08-15  
**Occ. Type:** Natural/Native occurrence **Trend:** Unknown **Record Last Updated:** 1996-12-17

**Quad Summary:** Surf (3412065)

**County Summary:** Santa Barbara, Pacific Ocean

**Lat/Long:** 34.66381 / -120.60261 **Accuracy:** 1 mile  
**UTM:** Zone-10 N3838377 E719679 **Elevation (ft):** 100  
**PLSS:** T07N, R35W, Sec. 29 (S) **Acres:** 0.0

**Location:** SAND DUNES 1 MILE SOUTH OF SURF.

**Detailed Location:**

**Ecological:**

**General:** ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1931 COLLECTION BY WOLF.

**Owner/Manager:** UNKNOWN

**Occurrence No.** 2 **Map Index:** 28628 **EO Index:** 29934 **Element Last Seen:** 1979-XX-XX  
**Occ. Rank:** Unknown **Presence:** Presumed Extant **Site Last Seen:** 1979-XX-XX  
**Occ. Type:** Natural/Native occurrence **Trend:** Unknown **Record Last Updated:** 2005-06-29

**Quad Summary:** Casmalia (3412075)

**County Summary:** Santa Barbara

**Lat/Long:** 34.81804 / -120.57984 **Accuracy:** specific area  
**UTM:** Zone-10 N3855535 E721354 **Elevation (ft):** 250  
**PLSS:** T09N, R35W, Sec. 33 (S) **Acres:** 5.1

**Location:** VANDENBERG AFB ON SAN ANTONIO TERRACE, SAND DUNES ABOUT 3 AIR MILES WSW OF CASMALIA.

**Detailed Location:** WEST SIDE OF PEGA ROAD AND 1.2 MILES SOUTHWEST OF ANTONIO SIDING.

**Ecological:** SAND DUNES.

**General:** 2 CLUMPS MAPPED. 1-15 PLANTS OBSERVED IN FALL OF 1979.

**Owner/Manager:** DOD-VANDENBERG AFB



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<b>Occurrence No.</b>	3	<b>Map Index:</b>	28630	<b>EO Index:</b>	29936	<b>Element Last Seen:</b>	1990-XX-XX
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1990-XX-XX	<b>Record Last Updated:</b>	1996-12-20
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				
<b>Quad Summary:</b>	Casmalia (3412075)						
<b>County Summary:</b>	Santa Barbara						
<b>Lat/Long:</b>	34.80909 / -120.56605	<b>Accuracy:</b>	1/5 mile				
<b>UTM:</b>	Zone-10 N3854572 E722640	<b>Elevation (ft):</b>	280				
<b>PLSS:</b>	T09N, R35W, Sec. 33 (S)	<b>Acres:</b>	0.0				
<b>Location:</b>	VANDENBERG AFB ON SAN ANTONIO TERRACE, WEST OF RANCHO ROAD ABOUT 2.7 MILES SOUTHWEST OF CASMALIA.						
<b>Detailed Location:</b>	AT THE 'WILD ROSE SWALE' SITE DESCRIBED BY V. HUMAN.						
<b>Ecological:</b>							
<b>General:</b>	ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1990 STUDY 'BIOLOGICAL RESOURCES OF SAN ANTONIO TERRACE, VANDENBERG AFB, CALIFORNIA' BY HUMAN.						
<b>Owner/Manager:</b>	DOD-VANDENBERG AFB						
<b>Occurrence No.</b>	4	<b>Map Index:</b>	28629	<b>EO Index:</b>	29935	<b>Element Last Seen:</b>	1990-XX-XX
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1990-XX-XX	<b>Record Last Updated:</b>	1996-12-20
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				
<b>Quad Summary:</b>	Casmalia (3412075)						
<b>County Summary:</b>	Santa Barbara						
<b>Lat/Long:</b>	34.81633 / -120.56459	<b>Accuracy:</b>	1/5 mile				
<b>UTM:</b>	Zone-10 N3855379 E722754	<b>Elevation (ft):</b>	300				
<b>PLSS:</b>	T09N, R35W, Sec. 34 (S)	<b>Acres:</b>	0.0				
<b>Location:</b>	VANDENBERG AFB ON SAN ANTONIO TERRACE, WEST OF RANCHO ROAD ABOUT 2.3 MILES SOUTHWEST OF CASMALIA.						
<b>Detailed Location:</b>	SOUTH OF 'PASTURE' SITE DESCRIBED BY V. HUMAN. MAPPED NEAR 'PASTURE WETLAND' AND 'PASTURE SPRING STREAM' SITES.						
<b>Ecological:</b>							
<b>General:</b>	ONLY SOURCE OF INFORMATION FOR THIS SITE IS 1990 STUDY 'BIOLOGICAL RESOURCES OF SAN ANTONIO TERRACE, VANDENBERG AFB, CALIFORNIA' BY HUMAN.						
<b>Owner/Manager:</b>	DOD-VANDENBERG AFB						
<b>Occurrence No.</b>	5	<b>Map Index:</b>	28627	<b>EO Index:</b>	29933	<b>Element Last Seen:</b>	1991-05-22
<b>Occ. Rank:</b>	Excellent	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1991-05-22	<b>Record Last Updated:</b>	1996-12-16
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown				
<b>Quad Summary:</b>	Santa Maria (3412084)						
<b>County Summary:</b>	Santa Barbara						
<b>Lat/Long:</b>	34.92979 / -120.49067	<b>Accuracy:</b>	specific area				
<b>UTM:</b>	Zone-10 N3868132 E729201	<b>Elevation (ft):</b>	187				
<b>PLSS:</b>	T10N, R34W, Sec. 20 (S)	<b>Acres:</b>	25.4				
<b>Location:</b>	SOUTHWEST OF SANTA MARIA ALONG BLACK ROAD, ABOUT 0.5 MILE NORTH OF BETTERAVIA ROAD.						
<b>Detailed Location:</b>	WEST SIDE OF ROAD IN OIL FIELD.						
<b>Ecological:</b>	IN LOW, FAIRLY STABLE DUNES, ASSOCIATED WITH LUPINUS ARBOREUS, DISTICHLIS SPICATA, AND CAMISSONIA CHEIRANTHIFOLIA.						
<b>General:</b>	HUNDREDS OF PLANTS OBSERVED IN 1991. PLANTS ARE IN DENSE CLUMPS ABOUT 4-10 FEET IN DIAMETER.						
<b>Owner/Manager:</b>	PVT						



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Occurrence No.	6	Map Index:	28622	EO Index:	30026	Element Last Seen:	1990-XX-XX
Occ. Rank:	Unknown			Presence:	Presumed Extant	Site Last Seen:	1990-XX-XX
Occ. Type:	Natural/Native occurrence			Trend:	Unknown	Record Last Updated:	1996-12-20
Quad Summary:	Point Sal (3412086)						
County Summary:	Santa Barbara						
Lat/Long:	34.90513 / -120.66355				Accuracy:	specific area	
UTM:	Zone-10 N3865013 E713471				Elevation (ft):	600	
PLSS:	T10N, R36W, Sec. 34 (S)				Acres:	15.7	
Location:	ABOUT 0.5 MILE INLAND FROM POINT SAL.						
Detailed Location:	WESTERN END OF POINT SAL RIDGE.						
Ecological:	OCCURS WITHIN THE DUNE SCRUB COMMUNITY.						
General:	LOCALLY COMMON IN 1990.						
Owner/Manager:	UNKNOWN						

Occurrence No.	7	Map Index:	28623	EO Index:	30025	Element Last Seen:	1990-XX-XX
Occ. Rank:	Unknown			Presence:	Presumed Extant	Site Last Seen:	1990-XX-XX
Occ. Type:	Natural/Native occurrence			Trend:	Unknown	Record Last Updated:	1996-12-20
Quad Summary:	Point Sal (3412086)						
County Summary:	Santa Barbara						
Lat/Long:	34.92145 / -120.65817				Accuracy:	specific area	
UTM:	Zone-10 N3866835 E713920				Elevation (ft):	400	
PLSS:	T10N, R36W, Sec. 27 (S)				Acres:	66.5	
Location:	NORTH OF POINT SAL AND SOUTHEAST OF MUSSEL POINT.						
Detailed Location:	SEVERAL COLONIES MAPPED IN THIS AREA AS THREE POLYGONS. MOSTLY LOCATED AS VERTICAL BAND THRU MIDDLE OF SECTION W/SMALL OUTLYER TO THE EAST.						
Ecological:	OCCURS WITHIN THE DUNE SCRUB COMMUNITY.						
General:	LOCALLY COMMON IN 1990.						
Owner/Manager:	UNKNOWN						

Occurrence No.	8	Map Index:	28625	EO Index:	30024	Element Last Seen:	1981-12-XX
Occ. Rank:	Unknown			Presence:	Presumed Extant	Site Last Seen:	1981-12-XX
Occ. Type:	Natural/Native occurrence			Trend:	Unknown	Record Last Updated:	1996-12-16
Quad Summary:	Point Sal (3412086)						
County Summary:	San Luis Obispo						
Lat/Long:	34.97493 / -120.64438				Accuracy:	80 meters	
UTM:	Zone-10 N3872797 E715040				Elevation (ft):	10	
PLSS:	T10N, R36W, Sec. 02 (S)				Acres:	0.0	
Location:	DUNES NEAR SANTA MARIA RIVER, ABOUT 0.5 MILE NORTH OF MOUTH OF RIVER.						
Detailed Location:	SITE MAPPED 0.7 MILE NORTHWEST OF 'SANTA MARIA 2' ELEVATION MARKER.						
Ecological:							
General:	ONLY SOURCE OF INFORMATION FOR THIS SITE IS MAP DETAIL PROVIDED BY VANDERWIER.						
Owner/Manager:	UNKNOWN						



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Occurrence No.	9	Map Index:	28626	EO Index:	30023	Element Last Seen:	1981-12-XX
Occ. Rank:	Unknown			Presence:	Presumed Extant	Site Last Seen:	1981-12-XX
Occ. Type:	Natural/Native occurrence			Trend:	Unknown	Record Last Updated:	1997-02-25
Quad Summary:	Point Sal (3412086)						
County Summary:	San Luis Obispo						
Lat/Long:	34.99085 / -120.63752				Accuracy:	specific area	
UTM:	Zone-10 N3874578 E715625				Elevation (ft):	40	
PLSS:	T11N, R36W, Sec. 35 (S)				Acres:	10.3	
Location:	DUNES NEAR SANTA MARIA RIVER, ABOUT 1.5 MILES NORTH OF MOUTH OF RIVER.						
Detailed Location:	SITE MAPPED ABOUT 0.25 MILE SOUTHWEST OF THE "DEE" ELEVATION MARKER.						
Ecological:							
General:	ONLY SOURCE OF INFORMATION FOR THIS SITE IS MAP DETAIL PROVIDED BY VANDERWIER.						
Owner/Manager:	UNKNOWN						

Occurrence No.	10	Map Index:	12828	EO Index:	30019	Element Last Seen:	1962-08-07
Occ. Rank:	Unknown			Presence:	Presumed Extant	Site Last Seen:	1962-08-07
Occ. Type:	Natural/Native occurrence			Trend:	Unknown	Record Last Updated:	1996-12-20
Quad Summary:	Point Sal (3412086)						
County Summary:	San Luis Obispo, Santa Barbara, Pacific Ocean						
Lat/Long:	34.96845 / -120.64933				Accuracy:	1 mile	
UTM:	Zone-10 N3872068 E714605				Elevation (ft):	50	
PLSS:	T10N, R36W, Sec. 11 (S)				Acres:	0.0	
Location:	EDGE OF SANTA MARIA RIVER ABOUT 1 MILE INLAND FROM THE MOUTH.						
Detailed Location:							
Ecological:	ON SAND DUNES.						
General:	VICINITY REPORTED IN 1962 COLLECTION BY CHANDLER (#919 SBBG, 1962 COLLECTION BY BREEDLOVE (#4121 DS), AND PRE-1907 COLLECTION BY BLOCHMAN (SN ND-G!).						
Owner/Manager:	UNKNOWN						

Occurrence No.	11	Map Index:	28637	EO Index:	29932	Element Last Seen:	1981-12-XX
Occ. Rank:	Unknown			Presence:	Presumed Extant	Site Last Seen:	1981-12-XX
Occ. Type:	Natural/Native occurrence			Trend:	Unknown	Record Last Updated:	1996-12-16
Quad Summary:	Oceano (3512015)						
County Summary:	San Luis Obispo						
Lat/Long:	35.00823 / -120.61511				Accuracy:	specific area	
UTM:	Zone-10 N3876554 E717624				Elevation (ft):	100	
PLSS:	T11N, R35W, Sec. 19 (S)				Acres:	11.0	
Location:	DUNES WEST OF SANTA MARIA VALLEY, ABOUT 1.5 MILES SSE OF OSO FLACO LAKE.						
Detailed Location:	TWO COLONIES MAPPED ABOUT 0.7 MILE EAST OF 'OSO FLACO' ELEVATION MARKER.						
Ecological:							
General:	ONLY SOURCE OF INFORMATION FOR THIS SITE IS MAP DETAIL PROVIDED BY VANDERWIER (1981).						
Owner/Manager:	UNKNOWN						



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Occurrence No.	12	Map Index:	28638	EO Index:	29931	Element Last Seen:	1979-08-XX
Occ. Rank:	Unknown			Presence:	Presumed Extant	Site Last Seen:	1979-08-XX
Occ. Type:	Natural/Native occurrence			Trend:	Unknown	Record Last Updated:	1996-12-16
Quad Summary:	Oceano (3512015)						
County Summary:	San Luis Obispo						
Lat/Long:	35.01349 / -120.60882				Accuracy:	specific area	
UTM:	Zone-10 N3877152 E718185				Elevation (ft):	100	
PLSS:	T11N, R35W, Sec. 19 (S)				Acres:	5.9	
Location:	DUNES WEST OF SANTA MARIA VALLEY, ABOUT 1.3 MILES SOUTHEAST OF OSO FLACO LAKE.						
Detailed Location:	MAPPED ABOUT 1.2 MILES ENE OF 'OSO FLACO' ELEVATION MARKER.						
Ecological:	GROWING IN DUNE SAND.						
General:	100+ PLANTS OBSERVED IN 1979.						
Owner/Manager:	DPR						

Occurrence No.	13	Map Index:	28639	EO Index:	29930	Element Last Seen:	1981-04-04
Occ. Rank:	Unknown			Presence:	Presumed Extant	Site Last Seen:	1981-04-04
Occ. Type:	Natural/Native occurrence			Trend:	Unknown	Record Last Updated:	1996-12-16
Quad Summary:	Oceano (3512015)						
County Summary:	San Luis Obispo						
Lat/Long:	35.01902 / -120.61076				Accuracy:	specific area	
UTM:	Zone-10 N3877761 E717993				Elevation (ft):	80	
PLSS:	T11N, R35W, Sec. 19 (S)				Acres:	6.8	
Location:	DUNES WEST OF SANTA MARIA VALLEY, ABOUT 0.9 MILE SOUTHEAST OF OSO FLACO LAKE.						
Detailed Location:	MAPPED ABOUT 1.3 MILES NORTHEAST OF 'OSO FLACO' ELEVATION MARKER.						
Ecological:	GROWING IN BACKDUNE SCRUB ON SAND WITH HAPLOPAPPUS ERICOIDES, LUPINUS CHAMISSONIS, ERIOGONUM PARVIFOLIUM, AND CORETHROGYNE FILAGINIFOLIA.						
General:	FEWER THAN 50 PLANTS OBSERVED IN 1981.						
Owner/Manager:	UNKNOWN						

Occurrence No.	14	Map Index:	28640	EO Index:	29929	Element Last Seen:	1981-04-04
Occ. Rank:	Good			Presence:	Presumed Extant	Site Last Seen:	1981-04-04
Occ. Type:	Natural/Native occurrence			Trend:	Unknown	Record Last Updated:	1996-12-20
Quad Summary:	Oceano (3512015)						
County Summary:	San Luis Obispo						
Lat/Long:	35.03750 / -120.60382				Accuracy:	specific area	
UTM:	Zone-10 N3879826 E718577				Elevation (ft):	80	
PLSS:	T11N, R35W, Sec. 18 (S)				Acres:	66.4	
Location:	GUADALUPE DUNES, VICINITY OF JACK LAKE & LETTUCE LAKE, ABOUT 4 MILES SOUTH OF OCEANO.						
Detailed Location:							
Ecological:	GROWING IN BACKDUNE SCRUB ON SAND WITH HAPLOPAPPUS ERICOIDES, LUPINUS CHAMISSONIS, ERIOGONUM PARVIFOLIUM, AND CORETHROGYNE FILAGINIFOLIA.						
General:	FEWER THAN 50 PLANTS OBSERVED IN 1981.						
Owner/Manager:	UNKNOWN						



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Occurrence No.	15	Map Index:	29928	EO Index:	29928	Element Last Seen:	2002-09-26
Occ. Rank:	Unknown			Presence:	Presumed Extant	Site Last Seen:	2002-09-26
Occ. Type:	Natural/Native occurrence			Trend:	Unknown	Record Last Updated:	2005-06-15
Quad Summary:	Oceano (3512015)						
County Summary:	San Luis Obispo						
Lat/Long:	35.03500 / -120.62799				Accuracy:	1/10 mile	
UTM:	Zone-10 N3879496 E716378				Elevation (ft):	40	
PLSS:	T11N, R36W, Sec. 13 (S)				Acres:	0.0	
Location:	GUADALUPE DUNES, VICINITY OF OSO FLACO LAKE. DUNES JUST N FROM BEACH ACCESS BOARDWALK.						
Detailed Location:	COLLECTIONS FROM "ALONG OUTLET OF OSO FLACO LAKE", "DUNES NEAR OSO FLACO LAKE", AND "OSO FLACO LAKE". MAPPED ACCORDING TO COORDINATES PROVIDED BY TAYLOR: 35.0349998474121, -120-627998352051.						
Ecological:	GROWING IN SAND DUNES.						
General:							
Owner/Manager:	UNKNOWN						

Occurrence No.	16	Map Index:	28635	EO Index:	30029	Element Last Seen:	1980-02-07
Occ. Rank:	Unknown			Presence:	Presumed Extant	Site Last Seen:	1980-02-07
Occ. Type:	Natural/Native occurrence			Trend:	Unknown	Record Last Updated:	1996-12-17
Quad Summary:	Morro Bay South (3512037)						
County Summary:	San Luis Obispo						
Lat/Long:	35.29534 / -120.87557				Accuracy:	nonspecific area	
UTM:	Zone-10 N3907866 E693173				Elevation (ft):	100	
PLSS:	T30S, R10E, Sec. 23 (M)				Acres:	110.7	
Location:	MONTANA DE ORO STATE PARK, ABOUT 2 MILES SOUTHWEST OF CUESTA-BY-THE-SEA.						
Detailed Location:	MAP DETAIL IS NOT CLEAR. POPULATIONS APPEAR TO OCCUR IN THE SW 1/4 OF SECTION 23 AND INTO THE NW 1/4 OF SECTION 26. MAPPING REFLECTS UNCERTAINTY IN LOCATION OF POPULATION.						
Ecological:	COASTAL DUNE SCRUB DOMINATED BY ARTEMISIA/BACCHARIS ASSOCIATION. OTHER ASSOCIATES INCLUDE SALVIA MELLIFERA, LOTUS SCOPARIUS, ERIOGONUM PARVIFOLIUM, HAPLOPAPPUS SQUARROSA, MIMULUS AURANTIACUS, ERIOPHYLLUM STAECHADIFOLIUM, TOXICODENDRON ETC.						
General:	BEST SOURCE OF INFORMATION FOR THIS SITE IS 1977 INVENTORY OF MONTANA DE ORO STATE PARK BY BARRY. 1964 COLLECTION FROM HAZARD CANYON ATTRIBUTED TO THIS SITE.						
Owner/Manager:	DPR-MONTANA DE ORO SP						



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<b>Occurrence No.</b>	17	<b>Map Index:</b>	28634	<b>EO Index:</b>	30028	<b>Element Last Seen:</b>	1975-02-19
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1975-02-19		
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>	1996-12-20		
<b>Quad Summary:</b>	Morro Bay South (3512037)						
<b>County Summary:</b>	San Luis Obispo, Pacific Ocean						
<b>Lat/Long:</b>	35.30930 / -120.86803	<b>Accuracy:</b>	1/5 mile				
<b>UTM:</b>	Zone-10 N3909429 E693826	<b>Elevation (ft):</b>	40				
<b>PLSS:</b>	T30S, R10E, Sec. 14 (M)	<b>Acres:</b>	0.0				
<b>Location:</b>	MONTANA DE ORO STATE PARK, DUNES AT SOUTHERNMOST END OF MORRO BAY.						
<b>Detailed Location:</b>	MAPPED ALONG DUNES JUST SOUTH AND WEST OF THE SOUTHERN END OF THE BAY.						
<b>Ecological:</b>							
<b>General:</b>	INVENTORY OF MORRO DUNES BY BARRY. SITE IS 1975 INVENTORY OF MORRO DUNES BY BARRY. TWO COLLECTIONS ATTRIBUTED TO THIS SITE; R.F. HOOVER (#6245 DS) IN 1946 AND E.C. TWISSELMANN (#2424 CAS) IN 1955.						
<b>Owner/Manager:</b>	DPR-MONTANA DE ORO SP						
<b>Occurrence No.</b>	18	<b>Map Index:</b>	28633	<b>EO Index:</b>	30027	<b>Element Last Seen:</b>	1975-02-19
<b>Occ. Rank:</b>	Unknown	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1975-02-19		
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>	1996-12-17		
<b>Quad Summary:</b>	Morro Bay South (3512037)						
<b>County Summary:</b>	San Luis Obispo, Pacific Ocean						
<b>Lat/Long:</b>	35.32321 / -120.86340	<b>Accuracy:</b>	1/5 mile				
<b>UTM:</b>	Zone-10 N3910981 E694213	<b>Elevation (ft):</b>	40				
<b>PLSS:</b>	T30S, R10E, Sec. 11 (M)	<b>Acres:</b>	0.0				
<b>Location:</b>	MONTANA DE ORO STATE PARK, MORRO BAY SAND SPIT OPPOSITE CUESTA-BY-THE-SEA.						
<b>Detailed Location:</b>	MAPPED ABOUT 0.4 MILE NNE OF 'UP' ELEVATION MARKER ON THE SPIT.						
<b>Ecological:</b>							
<b>General:</b>	MAIN SOURCE OF INFORMATION FOR THIS SITE IS 1975 INVENTORY OF MORRO DUNES BY BARRY.						
<b>Owner/Manager:</b>	DPR-MONTANA DE ORO SP						
<b>Occurrence No.</b>	19	<b>Map Index:</b>	61597	<b>EO Index:</b>	61633	<b>Element Last Seen:</b>	1999-12-21
<b>Occ. Rank:</b>	Poor	<b>Presence:</b>	Presumed Extant	<b>Site Last Seen:</b>	1999-12-21		
<b>Occ. Type:</b>	Natural/Native occurrence	<b>Trend:</b>	Unknown	<b>Record Last Updated:</b>	2005-06-15		
<b>Quad Summary:</b>	Pismo Beach (3512026)						
<b>County Summary:</b>	San Luis Obispo						
<b>Lat/Long:</b>	35.13002 / -120.63799	<b>Accuracy:</b>	80 meters				
<b>UTM:</b>	Zone-10 N3890015 E715215	<b>Elevation (ft):</b>	0				
<b>PLSS:</b>	T32S, R12E, Sec. 24 (M)	<b>Acres:</b>	0.0				
<b>Location:</b>	PISMO BEACH, SOUTH OF NORTH BEACH CAMPGROUND AND NORTH OF GOLF COURSE, PISMO BEACH STATE PARK.						
<b>Detailed Location:</b>	ON EITHER SIDE OF "TRAIL" THROUGH FOREDUNES.						
<b>Ecological:</b>	DUNE SCRUB IN POOR CONDITION ON STABILIZED DUNE, ALONG TOP OF DUNE. SANDY SOIL. DOMINATED BY CARPOBROTUS EDULIS. ASSOCIATES INCLUDE CROTON CALIFORNICA, LUPINUS CHAMISSONIS, LESSINGIA FILAGINIFOLIA, AND ERICAMERIA ERICOIDES.						
<b>General:</b>	2 PLANTS SEEN IN 1999. THE RARE MALACOTHRIX INCANA FOUND IN FOREDUNES ABOUT 1050' SOUTH OF THIS SITE.						
<b>Owner/Manager:</b>	DPR-PISMO SB						





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Occurrence No.	20	Map Index:	61598	EO Index:	61634	Element Last Seen:	2001-07-10
Occ. Rank:	Fair			Presence:	Presumed Extant	Site Last Seen:	2001-07-10
Occ. Type:	Natural/Native occurrence			Trend:	Unknown	Record Last Updated:	2005-06-15
Quad Summary:	Morro Bay North (3512047)						
County Summary:	San Luis Obispo						
Lat/Long:	35.39045 / -120.86433				Accuracy:	80 meters	
UTM:	Zone-10 N3918438 E693967				Elevation (ft):	30	
PLSS:	T29S, R10E, Sec. 23 (M)				Acres:	0.0	
Location:	SANDWICHED BETWEEN "THE CLOISTERS" DEVELOPMENT & THE BEACH, 0.3 MILE SOUTH OF AZURE STREET, MORRO BAY.						
Detailed Location:							
Ecological:	STABLE DUNES HEAVILY INFESTED WITH EXOTIC AMMOPHILA ARENARIA.						
General:	ABOUT 5 PLANTS SEEN IN 2001. AREA RARELY ACCESSED BY PEOPLE.						
Owner/Manager:	DPR						

Occurrence No.	21	Map Index:	60570	EO Index:	61636	Element Last Seen:	2003-10-08
Occ. Rank:	Unknown			Presence:	Presumed Extant	Site Last Seen:	2003-10-08
Occ. Type:	Natural/Native occurrence			Trend:	Unknown	Record Last Updated:	2005-06-15
Quad Summary:	Oceano (3512015)						
County Summary:	San Luis Obispo						
Lat/Long:	35.08122 / -120.58963				Accuracy:	nonspecific area	
UTM:	Zone-10 N3884708 E719754				Elevation (ft):	45	
PLSS:	T12N, R35W, Sec. 32 (S)				Acres:	21.7	
Location:	BASE OF NIPOMO MESA 0.25 MILE SOUTHWEST OF HALCYON ROAD ALONG AN UNNAMED ROAD NEAR THE RAILROAD TRACKS.						
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPED ALONG ROAD HEADING SOUTHWEST TOWARDS RR TRACKS FROM HALCYON ROAD.						
Ecological:	WET DRAINAGE DITCHES AT EDGE OF IRRIGATED FIELDS WITH WILLOWS AND STINGING NETTLE IN SOIL RELATED TO OLD SAND DUNES.						
General:	ONLY SOURCE OF INFORMATION FOR THIS SITE IS 2003 COLLECTION BY HELMKAMP.						
Owner/Manager:	UNKNOWN						

Occurrence No.	22	Map Index:	61601	EO Index:	61637	Element Last Seen:	2003-07-29
Occ. Rank:	Unknown			Presence:	Presumed Extant	Site Last Seen:	2003-07-29
Occ. Type:	Natural/Native occurrence			Trend:	Unknown	Record Last Updated:	2005-06-15
Quad Summary:	Oceano (3512015)						
County Summary:	San Luis Obispo						
Lat/Long:	35.09204 / -120.57830				Accuracy:	1/5 mile	
UTM:	Zone-10 N3885933 E720758				Elevation (ft):	45	
PLSS:	T32S, R13E, Sec. 33 (M)				Acres:	0.0	
Location:	0.6 MILE SOUTH OF NIPOMO HILL IN ARROYO GRANDE AREA.						
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPED 0.6 MILE SOUTH OF NIPOMO HILL.						
Ecological:	SAND/CLAY AREA CONSTISTING OF FORMER DUNES WITH MUCH LUPINUS ARBOREUS AND L. CHAMISSONIS.						
General:	ONLY SOURCE OF INFORMATION FOR THIS SITE IS 2003 COLLECTION BY HELMKAMP.						
Owner/Manager:	UNKNOWN						





**Multiple Occurrences per Page**  
**California Department of Fish and Wildlife**  
**California Natural Diversity Database**



Occurrence No.	23	Map Index:	61603	EO Index:	61639	Element Last Seen:	2002-08-21
Occ. Rank:	Unknown	Presence:	Presumed Extant	Site Last Seen:		2002-08-21	
Occ. Type:	Natural/Native occurrence	Trend:	Unknown	Record Last Updated:		2005-06-15	
Quad Summary:	Morro Bay South (3512037)						
County Summary:	San Luis Obispo						
Lat/Long:	35.31496 / -120.85951			Accuracy:	1/10 mile		
UTM:	Zone-10 N3910074 E694586			Elevation (ft):	45		
PLSS:	T30S, R10E, Sec. 13 (M)			Acres:	0.0		
Location:	LOS OSOS AT THE WEST END OF HOWARD STREET.						
Detailed Location:	EXACT LOCATION UNKNOWN. MAPPED AT THE WEST END OF HOWARD STREET IN LOS OSOS.						
Ecological:	SOFT SAND BEHIND BEACH DUNES. MILD SLOPE WITH MUCH ARTEMISIA CALIFORNICA, LUPINUS ARBOREUS, ERIOGONUM PARVIFOLIUM, ERICAMERIA ERICOIDES, AND LOTUS SCOPARIUS.						
General:	ONLY SOURCE OF INFORMATION FOR THIS SITE IS 2002 COLLECTION BY HELMKAMP.						
Owner/Manager:	UNKNOWN						